

Amendments to the Specification:

Please replace the second full paragraph on page 3 with the following amended paragraph:

With reference to FIG. 2, there is shown in detail the hot gas bypass line 17 of the present invention. Central components of the hot gas bypass line 17 include bypass valve 23 and manual throttle valve 25. In addition, there is indicated the hot gas bypass flow direction 27. Gas and liquid travel from high pressure to low pressure in the direction of hot gas bypass flow direction 27 towards the ~~cooler~~ cooler as shown by the arrow mark.

Please replace the first full paragraph on page 4 with the following amended paragraph:

With reference to FIG. 4 3, there is illustrated a manual throttle valve 25 of the present invention. Manual throttle valve 25 contains a throttle valve ball 41. With reference to FIG. 5 4, there is illustrated in detail the throttle valve ball 41 contained inside of the manual throttle valve 25 of the present invention. Most particularly, there is illustrated a gas flow means 43 for allowing flow of gas out of the portion of bypass line 17 which is between bypass valve 23 and manual throttle valve 25. In a preferred embodiment, gas flow means 43 consists of a cylindrical hole or other opening drilled through throttle valve ball 41 such that gas flow means 43 forms an opening extending entirely through throttle valve ball 41. In a preferred embodiment, gas flow means 43 comprises a hole which is machined or otherwise drilled in a circular form through throttle valve ball 41. With the manual throttle valve 25 in a fully closed position, the axis of the hole is oriented parallel to the hot gas bypass line assembly 17. The function of the

hole is to provide a passage for fluid when the manual throttle valve 25 is closed. The hole comprising gas flow means 43 is preferably between .060 inches and .185 inches in diameter. Most preferably, the hole is approximately .125 inches in diameter.